

**What is claimed is:**

1. A multipurpose media player memory card reader comprising an upper cover, a lower cover, and a circuit board having characteristics such that;
  - 5 the circuit board is configured to include a card reader port, a control circuit, a card reader circuit, a multimedia player circuit, a battery, memory, memory card slots, a socket, a wireless transmitter circuit, a transmitter, and an electric power socket; a system flow occurs upon inserting a memory card into a memory card slot, the card circuit reads data within the memory card or the control circuit reads data stored within memory, the control circuit differentiates whether or not the data is multimedia data, and the multimedia data is transmitted to the multimedia player circuit, whereupon the multimedia data is converted to sound signals and output through an outlet;
  - 10 when outputting multimedia data, the wireless transmitter circuit and the transmitter are configured to transmit multimedia data as wireless signals, whereupon multimedia equipment of a vehicle receiving the wireless signals can play the multimedia data thereof;
  - 15 a battery provides electric power required when the control circuit and
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the multimedia player circuit are in operation, moreover, the card reader port connected to a compute port enables recharging of the battery, making it unnecessary to replace the battery;

when playing multimedia data, the card reader is adapted to

5 reciprocally connect to a computer port through a connector port of the card reader, thereby the card reader achieves functionality as a removable connected hard disk, whereby a user is able to save data within a memory card and memory through the card reader.

2. The multipurpose media player memory card reader as claimed in

10 claim 1, wherein the card reader port can comprise a USB port (Universal Serial Bus), COM1/COM2 communication ports, PRINT PORT, and related ports utilized by electronic digital products.

3. The multipurpose media player memory card reader as claimed in

15 claim 1, wherein the memory card slots are compatible with CF card (Compact Flash Card), MS card (Memory Stick Card), SM card (Smart Media Card), and related medium utilized to store electronic digital data.

4. The multipurpose media player memory card reader as claimed in

20 claim 1, wherein the memory can be RAM (Random Access Memory), DRAM (Dynamic Random Access Memory), SRAM (Static Random

Access Memory)), SDRAM (Synchronous Dynamic Random Access Memory), FLASH, and related memory utilized by electronic digital products.

5. The multipurpose media player memory card reader as claimed in

claim 1, wherein the battery can employ carbon zinc battery, mercury battery, lithium battery, nickel-hydrogen battery, and related batteries employed in electrical digital products.

6. The multipurpose media player memory card reader as claimed in

claim 1, wherein the wireless transmitter circuit and wireless signals of the transmitter are further configured to comply with AM (Amplitude Modulation) signals, FM (Frequency Modulation) signals, Bluetooth signals, IEEE 802, 11A, B (Institute of Electrical and Electronic Engineers 802, 11A, B), and related modulation carrier wave signals of wireless communication.

15 7. The multipurpose media player memory card reader as claimed in

claim 1, wherein a transformer, vehicle usage plug and related connecting equipment utilized to connect to power supply sockets can be connected to the electric power socket.